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BOWDON URBAN DISTRICT COUNCIL.

ANNUAL REPORTS

of the

MEDICAL OFFICER OF HEALTH

and

PUBLIC HEALTH INSPECTOR

FOR THE YEAR 1958

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BOWDON URBAN DISTRICT COUNCIL

PUBLIC HEALTH COMMITTEE

Councillor	T. Gray Hill (Chairman).
"	J.L. Addleshaw.
"	J.H. Ashworth.
"	M.G. Bird (Major).
"	W.L.E. Egerton-Smith.
"	J.B. Humphreys.
"	K.V.M. Irvine (Mrs.).
"	H.C. Irvine.
"	A.D. Johnson.
"	T.H. Ormson.
"	F. Seatree.
"	W.J. Warrington.

OFFICIALS

D. Longbottom, M.B., Ch.B., D.P.H.

Medical Officer of Health.

G. Rothwell, A.M.I.P.H.E., M.A.P.H.I.

Public Health Inspector and Surveyor.

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PART 1.

GENERAL STATISTICS.

Area of District	1090 acres.
Average Height above sea level	220 feet.
Registrar General's mid-year estimate of population	3970
Number of inhabited houses (end of 1958) per rate book	1229
Rateable Value	£58,458
Sum represented by a penny rate	£234.

VITAL STATISTICS.

	1958
Total Live Births	46
Crude Birth Rate per 1,000 population	11.8
Comparability Factor	0.91
Standardised Birth Rate	10.7
General Birth Rate (England & Wales)	15.7
Total Still Births	NIL.
Still Birth Rate per 1,000 live and still births	NIL.
Total Live and Still Births	46
Infant Mortality Rate per 1,000 live births - total	21.8
Infant Mortality Rate per 1,000 legitimate live births	22.7
Infant Mortality Rate per 1,000 illegitimate live births	NIL.
Neo Natal Mortality Rate per 1,000 live births	NIL.
Illegitimate live births percent of total live births	4.35
Material Deaths	NIL.
Material Mortality per 1,000 live and still births	NIL.
Total Deaths	69
Crude Death Rate per 1,000 population	17.4
Comparability factor	0.76
Standardised Death Rate	13.20
General Death Rate (England & Wales)	11.7
Deaths from Cancer	10
Deaths from Tuberculosis	NIL.

The population figures given are for home population and the birth and death rates are based on this figure. The standardised rates are arrived at after allowing for the age and sex distribution of the population, giving a more fair comparison with those of other areas.

The social conditions are good. The district is almost entirely residential and there is virtually no industry.

PART II TABLES

INFANT MORTALITY

TABLE I

LIVE BIRTHS.

	Legitimate	Illegitimate	Totals	1957.
Males	24	1	25	28
Females	20	1	21	27
	44	2	46	55

TABLE II

STILL BIRTHS.

	Legitimate	Illegitimate	Totals	1957.
Males	-	-	-	1
Females	-	-	-	-
	-	-	-	1

TABLE III

DEATHS OF INFANTS UNDER 1 YEAR OF AGE.

	Legitimate	Illegitimate	Totals	1957.
Males	-	-	-	-
Females	1	-	1	1
	1	-	1	1

TABLE IV

DEATHS OF INFANTS UNDER 4 WEEKS OF AGE

	Legitimate	Illegitimate	Totals	1957.
Males	-	-	-	-
Females	-	-	-	1
	-	-	-	1

TABLE V

Notifiable Disease	Number of Cases Notified 1958.
Scarlet Fever	2
Whooping Cough	2
Diphtheria (including Membranous Group)	0
Measles (excluding Rubella)	16
Acute Pneumonia (Primary or Influenzal)	0
Meningococcol Infection	0
Acute Poliomyelitis -	
Paralytic	0
Non-Paralytic	0

Notifiable Disease	Number of Cases Notified 1958.
Acute Encephalities -	
Infective	0
Post Infectious	0
Dysentery	0
Ophthalmia Neonatorum	0
Puerperal Pyrexia	0
Smallpox	0
Paratyphoid Fevers	0
Enteric or Typhoid Fever (Exc. Paratyphoid)	0
Food Poisoning (Exc. dysentery, typhoid and paratyphoid Fevers)	0
Tuberculosis -	
Respiratory	1
Other	1
Erysipelas	0
	Total 22
	1957 Total 69

The district was remarkably free from infectious disease with the exception of measles cases.

TABLE VI

Number of new cases of Tuberculosis notified during the year ended 31st December, 1958.

Two.

TABLE VII

Deaths from Tuberculosis registered during the year ended 31st December, 1958.

Nil.

TABLE VIII

DEATHS REGISTERED DURING THE CALENDAR YEAR 1958 AND CAUSES.

	Male	Female	Total
All causes (Certified 69) (Uncertified 0)	21	48	69
Tuberculosis, respiratory	0	0	0
Tuberculosis, other	0	0	0
Syphilitic Disease	1	0	1
Diphtheria	0	0	0
Whooping Cough	0	0	0
Meningococcal Infections	0	0	0
Acute Poliomyelitis	0	0	0
Measles	0	0	0
Other Infective and parasitic diseases	0	0	0
Malignant neoplasm, stomach	0	0	0
Malignant neoplasm, lungs bronchus	2	3	5
Malignant neoplasm, breast	0	1	1
Malignant neoplasm, uterus	0	0	0
Other Malignant and lymphatic neoplasms	2	2	4
Leukaemia, aleukaemia	1	0	1
Diabetes	0	0	0
Vascular lesions of nervous system	2	9	11
Coronary disease, angina	4	2	6
Hypertension with heart disease	0	0	0
Other heart disease	6	17	23

	Male	Female	Total
Other circulatory disease	1	4	5
Influenza	0	0	0
Pneumonia	0	1	1
Bronchitis	0	1	1
Other diseases of respiratory system	0	0	0
Ulcer of stomach and duodenum	0	1	1
Gastritis, enteritis and diarrhoea	0	0	0
Nephritis and nephrosis	0	0	0
Hyper-plasia of prostate	0	0	0
Pregnancy, childbirth, abortion	0	0	0
Congenital malformations	0	1	1
Other defined and ill-defined diseases	0	4	4
Motor vehicle accidents	0	0	0
All other accidents	0	2	2
Suicide	2	0	2
Homicide and operation of war	0	0	0
Total	21	48	69
1957 Total	28	37	65

The majority of deaths are those associated with old age, that is the failing of the cardio vascular system, and with cancer in its various forms.

The number of deaths gives a death rate which is rather higher than the average for the country as a whole. This must not be regarded as of any particular significance as the total numbers being small, the average is easily upset by any chance increase or decrease in deaths occurring in any one month as say in January or December, which would influence the rate for one or other calendar year.

National Health Act Services and Service provided by the Cheshire County Council.

A. Service provided in accordance with the requirements of the National Health Service Act, 1946.

1. Hospital Services.

Controlling Body - Manchester Regional Hospital Board.
Local Hospitals - Administered by North West and Mid-Cheshire Hospital Management Committee.
Secretary - Mr. M. Owen, Administrative Offices, Altrincham Maternity Home, Sinderland Road, Altrincham.

2. Hospitals serving this area.

General Acute Cases - Denzell Hospital (Convalescent).
Altrincham General Hospital.
General Chronic Cases - Cranford Lodge, Knutsford.
(Withington Hospital Manchester).

Maternity Hospitals - Altrincham Maternity Hospital,
Sinderland Road, Altrincham.
Southfield, Langham Road, Bowdon.

Ear, Nose and Throat - St. Anne's Home, Woodville Road,
Altrincham.

A large number of cases from Bowdon are also treated in Manchester Hospitals.

3. General Practitioner and General Dental Services.

Controlling Body - National Health Services Executive Council for Cheshire.
Clerk - Mr. F. Hayter, 28, Nicholas Street, Chester.

4. Service of Local Health Authority - Cheshire County Council.

1. Ambulance Service
2. Immunisation and Vaccination - Bowdon Vale Clinic, Vicarage Lane. 2nd & 4th Thursday in the Month. 2.0 - 4.0 p.m.
3. Care and after care
4. Home help Service
5. Maternity and Child Welfare - Bowdon Vale Clinic 2nd & 4th Thursday in the Month. 2-4 p.m.
6. Domiciliary Midwifery and District Nursing
7. Dental Service - Expectant and Nursing Mothers and Pre School Children, Lister House Clinic, Hale.
8. Mental Health Service - Duly Authorised Officer for Mental Health - Mr. R. Dixon, 18, Stanley Road, Knutsford.

The Altrincham Divisional Health Committee Area covers Hale U.D.C., Bowdon U.D.C., Altrincham M.B., Knutsford U.D.C. and Bucklow R.D.C. and includes Members of these Authorities, Members of the County Council and co-opted Members.

Divisional Medical Officer and
District M.O.H. for the district - Dr. D. Longbottom, Mountlands,
The Mount, Altrincham, Cheshire.

B. Other Services by other Committees of Cheshire County Council.

1. Education Committee - School Health Services, including School dental service.
2. Welfare Committee - Old persons care and attention, homeless, handicapped persons, provision for residential accommodation.

   County Welfare Officer - Mr. Evans, County Hall, Chester.
3. Children's Committee - Provides for the care of deprived children i.e. children not under parental care.

   Children's Officer for this area - Mr. J. Blades, The County Offices, Bexton Road, Knutsford.

D. LONGBOTTOM, M.B., Ch.B., D.P.H.

Medical Officer of Health.

Bowdon Urban District.

ANNUAL REPORT

of the

PUBLIC HEALTH INSPECTOR

for the year 1958.

To the Chairman and Members of the
Bowdon Urban District Council.

Mr. Chairman, Lady and Gentlemen,

I have honour to submit to you my Annual Report for the year 1958.

Water Supplies.

Up to the end of October the area was supplied with water from the Thirlmere aqueduct and to the end of the year with water from the Haweswater aqueduct.

January to December 1958. TYPICAL ANALYSES.

Date		June 4	Sept. 3	Nov. 13
Supply		T.A.	T.A.	H.A.
Lab.No.		5806	5900	5983
pH value	...	7.1	6.9	7.3
Colour as ppm platinum	...	4	6	7
Turbidity ppm silica scale	...	0.5	1.1	0.6

		Parts per million.		
Total solids dried at 180°C.		35	35	43
Free acidity as CO_2	...	3	3.5	1.5
Alkalinity as $CaCO_3$	...	12	11	18
Total hardness as $CaCO_3$	...	18	16.5	22.5
Chlorides as Cl_2	...	7.5	5.5	6
Nitrates as N_2	...	0.10	0.14	0.18
Nitrites as N_2	...	nil	0.001	nil
Ammoniacal nitrogen as N_2	...	0.01	0.01	0.02
Albuminoid nitrogen as N_2	...	0.02	0.02	0.02
Oxygen absorbed test, 4 hours at 27° C.	...	0.48	0.56	0.75
Silica as SiO_2	...	2	2.5	2
Iron as Fe	...	0.07	0.08	0.05
Manganese as Mn	...	0.08	0.03	0.02

BACTERIOLOGICAL RESULTS.

One hundred and twenty two (122) samples were taken during the year with the following results:

Samples free from coliform bacterial	...	109
Samples with coliform bacteria	...	13
		122

The samples with coliform bacteria present were as follows:

Date	Coliform bacteria found per 100 mls of water. Faecal	Non-faecal	Total	
July 9	0	25	25	) 3 other samples taken were coli-
	0	25	25	) free.
July 16	0	2	2	) 3 other samples taken were coli-
	0	8	8	free.
Aug. 27	8	25	33	) 1 other sample taken was coli-free.
	0	13	13	)

Sep. 10	8	5	13	1 other sample taken was coli-free.
Sep. 17	0	3	3	3 other samples taken were coli-free.
Sep. 24	2	1	3	3 other samples taken were coli-free.
Oct. 15	0	1	1	1 other sample taken was coli-free.
Nov. 5	0	1	1	3 other samples taken were coli-free.
Dec. 10	0	1	1	2 other samples taken were coli-free.
Dec. 31	1	3	4	2 other samples taken were coli-free.

The coliform bacteria found would be derived from "aftergrowths" in deposits in the mains. The higher coliform counts were attributed to local mains disturbances as in most cases other samples taken on the same date were coli-free. The few faecal coli found were also derived from "aftergrowths" and not from any pollution.

The water has been of excellent chemical and bacteriological quality throughout the year.

SEWERAGE & SEWAGE DISPOSAL

The existing sewers throughout the district have been satisfactorily maintained during the year and, where necessary, repairs have been carried out.

The Council's Consulting Engineers have continued during the year on their investigations into the condition of the sewerage system, with particular reference to infiltration, and the sewage disposal works. A considerable amount of time has been spent on this work by myself and your workmen who on numberous occasions worked throughout the night in order to carry out gaugings of the sewerage system. The result of these investigations has been most revealing and the report of the Consulting Engineers, a copy of which has been

distributed to Members of the Council, shows the amount of infiltration to be at least twice the volume of the dry weather flow. This is increased considerably during periods of heavy rainfall, which results in the disposal works becoming completely overloaded.

I have reported previously on the condition of the sewage disposal works whose condition, particularly that of the settlement tanks, has rapidly deteriorated during the year. It is hoped that the Consulting Engineers will be in a position to submit their Outline scheme to the Ministry for their consideration in the near future and that approval will be given to the Council to replace the existing disposal works with one which will be able to treat increasing volume of sewage which is now entering the works.

The laying of new sewers to the Housing Estates to the east and west of Bow Green Road was completed during the year. A total length of 1450 yards or over three quarters of a mile of new sewers were laid.

PUBLIC CLEANSING

Refuse Collection

A weekly collection of refuse is carried out throughout the whole of the district and in certain cases two collections a week are made.

The Council employ one Dennis side loading refuse collecting vehicle and five workmen to carry out this work. In addition waste paper and salvage amounting to approximately £200 is collected.

Controlled tipping is carried out on land adjoining the sewage disposal works. The purchase during the year of the tractor together with various items of equipment has helped considerably in the work on the refuse tip. Every effort is made to seal off the tip with soil or inert refuse as soon as possible and the tip is regularly treated with insecticides to prevent the breeding of insects.

One workman is engaged on the refuse tip.

Street Cleansing

Street cleansing is carried out by the Council. Two workmen are engaged full time on this work and additional labour is sometimes available after the completion of the weekly refuse collection.

HOUSING

Under the Housing Acts, the Council has a duty to consider the general housing conditions in the district and to ascertain whether any houses are unfit for human habitation. The Council has powers to deal with unfit houses, powers to provide new houses for all classes and various powers and duties in the management of Council housing estates.

The district is purely residential containing in the main houses of exceptionally good structural condition. There are therefore no unfit houses in the district nor has it been necessary to take action in respect of properties under the Housing Acts.

Housing Management

The Council now own 187 occupied houses all of which are situated in Bowdon Vale. The housing management is largely in the hands of the Public Health Inspector and every effort is made to inspect the houses at regular intervals to see that the property is kept in good condition.

During the year work commenced on the carrying out of improvements and repairs, which includes the provision of bathroom to nineteen sub-standard cottages. The scheme was prepared and is being supervised by the Surveyor and Public Health Inspector and is expected to be completed in about twelve months.

Approval was given during the year for the erection of 36 new houses in the district, 23 houses were completed during the year.

FOOD AND DRUGS

The Council bear most of the statutory responsibilities for safeguarding the public from foodbourne diseases, the main aim being directed towards securing proper and hygienic conditions for the manufacture, preparation and sale of food.

All premises connected with these businesses have been inspected during the year and where necessary informal action has been taken to secure compliance with the Food and Drugs Act and the Food Hygiene Regulations. In no case was formal action necessary.

A summary of the various food premises in the district is as follows:-

Grocers and General Provisions	12
Green Grocers	3
Bakehouses	1
Confectioners Shops	2
Butchers	2
Licensed Premises	3
Fish Friers	1
Registered Ice Cream Premises	4
Canteens	6
Dairies	1

The Cheshire County Council are responsible for taking food and drugs samples in this district and I am indebted to the Chief Inspector of Weights and Measures for supplying the following list of samples taken:-

SAMPLES TAKEN.	NUMBER	NUMBER OF NON-STANDARD SAMPLES.
Icing (Chocolate).....	1	-
Indian Brandee.....	1	1
Lard (Pure).....	1	-
Milk (Fresh).....	11	3
	14	4

PARTICULARS OF ADULTERATED/NON-STANDARD SAMPLES:-

2111 - Milk - Sub-standard but genuine milk, deficient in solids-not-fat - 2.3%.
No Action.

2112 - Milk - Sub-standard but genuine milk, deficient in solids-not-fat - 2.3%.
No Action.

2116 - Milk (Channel Island) - Deficient in milk fat - 12.5%.
Cautioned by letter.

2358 - Indian Brandee - Deficient of declared content of spirit of nitrous ether.

Cautioned by letter.

Designated Milks

The Council is responsible for granting Dealers' and Supplementary licences for the sale of designated milks.

2 Dealers and 14 Supplementary licences were granted during the year.

GENERAL PUBLIC HEALTH INSPECTION

Offensive Trades

There are no offensive trades in the district.

Factories

There are two factories in the district. No action has been necessary under the Factories Act, 1937 during the year.

Shops Acts

No action has been necessary during the year in respect of the provisions of the Shops Act, 1950 regarding sanitary and other arrangements in shops.

Atmospheric Pollution

As the Urban District is purely residential the possible source of nuisance from factory chimneys within their district does not arise.

Serious pollution of the air however eminates from domestic premises both inside and outside the district and the Clean Air Act, 1956 placed into the hands of Local Authorities power to establish Smoke Control Areas within their district in order to reduce atmospheric pollution.

Suitable areas for establishing Smoke Control Areas are the two new housing estates to the east and west of Bow Green Road, Bowdon.

In addition the Council could establish Smoke Control Areas involving properties owned by them, many of which already have installed approved appliances, making it a condition of tenancy that only smokeless fuel shall be burnt.

Following the introduction of the Clean Air Act, 1956, the Council amended their Building Byelaws so as to include control over the installation of appliances for the burning of fuel in all new dwellings. Rigid control is kept during the construction of new houses to ensure that only approved appliances are installed.

The Council are members of the Manchester and District Smoke Abatement Committee and they are represented at this Committee and also at the Standing Conference of Local Authorities regarding Atmospheric Pollution.

A deposit gauge recording the amount of Sulphur Dioxide in the atmosphere is installed in the Council's Yard and periodic readings are taken from this gauge.

Petroleum Licences

Your Public Health Inspector also acts as Petroleum Officer and during the year six licences to keep Petroleum or Petroleum Spirits were issued.

Rodent Control

The Council employ a part time Rodent Operator who carried out the destruction of rodents where necessary.

Sewer tests are taken periodically but few taken are recorded.

The Council's refuse tip and sewage farm are treated weekly and the Council's Yard monthly. No serious infestation has been reported.

Inspections and Treatment of Properties.

	(1) Local Authority	(2) Dwelling Houses	(3) All other Premises	Total	Agricul-tural
No. of Properties in Local Authority District.	5	1220	181	1406	7
Nos. inspected as a result of notification.	-	26	-	26	-
otherwise e.g. when visited primarily for some other purpose.	5	-	-	-	-
Treatments. Minor infestations for					
Rats.	5	23		23	
Mice.		3		6	
Number of Premises treated.	2 treated weekly. 1 treated monthly.	26		26	

I am Lady & Gentlemen,

Your Obedient Servant,

G. ROTHWELL.

Public Health Inspector.